

## Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors      PO ID PO35245      Receipt Dates from 2/15/2017 to 2/15/2017

All Item ID/GL/WOs All Rec. Employees

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
<b>Vendor ID \ Vendor Name</b>											
P035245	1		TW Metals								
USD	No		M304TR0.500W.035 f	f	2/17/2017	2/15/2017	40.0000		0.0000	0	\$0.00
			304 RD Tube .500 x .035W	f	40.0000	PLOU01			0.0000	0	
			ml36857								
<b>Total Received Quantity:</b>											
<b>Total Qty to Inspect (PO U/M):</b>											
<b>Total Reject Quantity:</b>											
<b>Total Receipt Value:</b>											
<b>Total Balance Due Quantity:</b>											



O'Neal High-Performance Metals Group



# Packing Slip

ORDER NO.: 80835360 FROM: CHIC PAGE 1

CUST NUMBER: 1203820 NET WGT: 6.950 REQ.DATE: 02/15/17 CONFIRMED  
 SOLD TO: SHIP TO:  
 DART AEROSPACE LTD DART AEROSPACE LTD  
 1270 ABERDEEN ST 1270 ABERDEEN ST  
 HAWKESBURY ON HAWKESBURY ON  
 CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 02/10/17  
 TERMS: NET 30 DAYS VIA: COMMON CARRIER  
 F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
 CUST ORD NO.: PO35245 RELEASE NO.:  
 RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH  
 0001 36449 SMLS CD 304/L A269 1/2 OD X .035 WA 20' ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT
	40.000 FT	40.000 FT	40.000 FT	6.950

PCS  
2

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00  
 PO:49354074 HT:YX1602588 PC: 2 CUSTOMER QTY: UOM  
 MLT:CHINA MFG:CHINA SLB/CL:-

BROKERS KUEHNE AND NAGEL LTD

SP17-02-15

AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
YRC	CRTN STRAP TO BOARD	1.000	45.000	5.5000	246.0000	4

1.000 45.000

BY: RR  
 RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE  
 PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL  
 REVIEW.  
<http://www.twmetals.com/invoice-terms.html>



O'Neal High-Performance Metals Group



Packing  
Slip

ORDER NO.: 80835360

FROM: CHIC

PAGE 2

CUST NUMBER: 1203820 NET WGT: 6.950 REQ.DATE: 02/15/17 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKSBURY ON HAWKSBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7  
  
SALESPERSON: DONNA SMALLEY SHIP BY: 02/10/17  
TERMS: NET 30 DAYS 235 TUBEWAY  
F.O.B.: SHIPPING POINT CAROL STREAM IL 60188  
CUST ORD NO.: PO35245  
VIA: COMMON CARRIER  
FREIGHT: PREPAID  
RELEASE NO.:  
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk

Date: 2/10/17

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

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PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL  
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## MILL TEST REPORT

Purchaser.: TW METALS-Carol Stream				Certificate No.: 2016-12-87					
Contract No.: TWM P.O.No.: M49354074				Date of Issue.: 2016.12.17					
Commodity: Stainless Steel Seamless Tubes		Specifications: ASTM A213-15c/ASME SA213-15/ASTM A269-15a EAW							
Process: Cold Drawn				Delivery Condition: OD Polished to 240 Grit					
Steel Grade	Heat Number	Lot Number	Dimensions	Quantity					
				Pieces	Feet				
TP304/TP304L	YX1602-588	10-40	1/2"x0.035"x20'	500	10,000				
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00	-	-
Ladle Analysis	0.018	1.20	0.034	0.002	0.32	18.15	8.05	-	-
Product Analysis	0.015	1.08	0.036	0.003	0.33	18.52	8.43	-	-
Mechanical Properties									
Test Item	Elongation (% in 2")	Tensile Strength (PSI)		Yield Strength (PSI)					
		Rm	Rp / 0.2%						
Requirements	≥35	≥75,000		≥30,000					
Test Results	61/62	99,000/100,000		44,000/45,000					
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test		
Requirements	-	HRB≤80	-	22%	e=0.09	-	-		
Test Results	-	77/79	-	Passed	Passed	-	OK		
Test Item	Eddy Current Test	Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection				
Requirements	ASTM E 426	-	-	ASTM A262 E	End Cut	Appearance			
Test Results	Passed	-	-	OK	OK	OK			

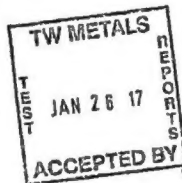
ISO 9001:2008 Certified by CAS 117 16 QU 0053-06 ROS

PED Certified by SZUTEST 2195-PED-1526002

## Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-14
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) In Compliance with RoHS Stipulation
- (7) No weld repair performed
- (8) Free from mercury contamination
- (9) Free from radioactive contamination
- (10) Billets melt and pipes/tubes manufactured in China
- (11) All tubes 100% PMI tested
- (12) All tubes 100% Eddy Current tested

CANNOT CERTIFY COMPLIANCE  
FAR BAA / DFARS BAA / FAR TAA



By:

James Shi

James Shi / Manager

Quality Control Department

We hereby certify that this report is true and correct.

Jiangsu Pufa Stainless Steel Tube Co., Ltd.

No. 99, Xuean Middle Road, Dongchen Town, Rugao City, Jiangsu Province, P.R.China

115

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 304TR0.500 W.035  
 DATE: 17-02-22

PO / BATCH NO: PO 35245 / M 136857

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 404  
 QUANTITY INSPECTED: 40' ±  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500 X.035  
 THICKNESS RECEIVED: 0.500 X.035  
 SHEET SIZE ORDERED: 0  
 SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	<u>YX 1602588</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>38</u> <u>Q-89</u> DATE: <u>FEB 22 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID PO35245

Purchase Order Date 2/8/2017

PO Print Date 2/9/2017

Page Number 1 of 5

Order From :

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

FEB 08 2017

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via: YRC COLLECT

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304TR0.500W.035 ✓	304 RD Tube .500 x .035W ✓	2/15/2017 Yes 2/15/2017		40.00 ✓ f	\$1.50	\$60.00 ✓
MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269							SP17-0215 Line Total: \$60.00 ✓
2	M304TR0.500W.049 ✓	304 RD Tube .500 x .049W ✓	2/15/2017 Yes 2/15/2017		20.00 ✓ f	\$2.80	\$56.00 ✓
MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269							Line Total: \$56.00 ✓
3	M304TR0.750W.049 ✓	304 RD Tube .750 x .049W ✓	2/15/2017 Yes 2/15/2017		80.00 ✓ f	\$2.10	\$168.00 ✓
MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269							SP17-02-14 Line Total: \$168.00 ✓

Note:

2/9/2017



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO35245**

Purchase Order Date 2/8/2017

PO Print Date 2/9/2017

Page Number 2 of 5

**Order From :**

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

585 768 5600

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

YRC COLLECT

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

FCA - (Free Carrier)

				Line Total:	
4	M6061T6T0.375W.058	6061-T6 RD Tube .375 x.058W	2/15/2017 Yes 2/15/2017	48.00 f	\$2.15 \$103.20
MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241					
5	M6061T6T0.625W.125	6061-T6 RD Tube 0.625 X.125W	2/15/2017 Yes 2/15/2017	24.00 f	\$5.15 \$123.60
MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241					

SP17-0214

Line Total: \$123.60

Note:

2/9/2017



Dart Aerospace Ltd.  
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Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO35245

Purchase Order Date 2/8/2017

PO Print Date 2/9/2017

Page Number 3 of 5

**Order From :**

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via:

YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

7	M304TR0.375W.035	304 TUBING .375 x .035w	2/15/2017	20.00	\$3.75	\$75.00
			Yes	f		
			2/15/2017			

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING  
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

8	M304TR0.375W.065	304 RD Tube .375 x .065W	2/15/2017	20.00	\$1.86	\$37.21
			Yes	f		
			2/15/2017			

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING  
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

9	M4130NT0.500W.049	4130 RD Tube .500 x .049W	2/15/2017	20.00	\$3.88	\$77.67
			Yes	f		
			2/15/2017			

MATERIAL: AISI 4130N SEAMLESS STEEL TUBING  
AS PER MIL-T-6736 OR AMS 6371/6360/6361  
6362/6373/6374

Line Total: \$75.00

Line Total: \$37.21

Note:

2/9/2017

CA 70214





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
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## PURCHASE ORDER

Purchase Order ID PO35245

Purchase Order Date 2/8/2017

PO Print Date 2/9/2017

Page Number 4 of 5

**Order From :**

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 585 768 5600

**Ship To Contact**

**Ship To Phone**

**Ship Via:** YRC COLLECT

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

**Terms**

**Currency**

**FOB**

10127-2607

Net 30

USD

FCA - (Free Carrier)

10	M4130NT1.000W.120	4130 RD Tube 1.00 x .120wall	2/15/2017	20.00	Line Total:	\$77.67
			Yes			
			2/15/2017			

MATERIAL: AISI 4130N SEAMLESS STEEL TUBING  
AS PER MIL-T-6736 OR AMS 6371/6360/6361  
6362/6373/6374

*new self*

*69.36*

11	71401-45	PROCUREMENT QUALITY CLAUSES	2/15/2017	1.00	Line Total:	\$57.72
			No			
			2/15/2017			

**Procurement Quality Clauses**

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

*SP17 02-14*

Note:

2/9/2017



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Purchase Order Date 2/8/2017

PO Print Date 2/9/2017

Page Number 5 of 5

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US

VU-TWM001

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone

585 768 5600

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

YRC COLLECT

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607


Net 30

USD

FCA - (Free Carrier)

Line Total: \$0.00

PO Total: \$758.40

  
Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 2

Change Date: 2/9/2017